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MAEDA *et al.*

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SUBMISSION OF FORMAL DRAWINGS

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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant submits herewith twenty sheets of formal drawings, containing Figures 1-20 for this case.

Respectfully submitted,

November 30, 1999
Date

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Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 19-0741 for any such fees; and applicant(s) hereby petition for any needed extension of time.

FIG-1

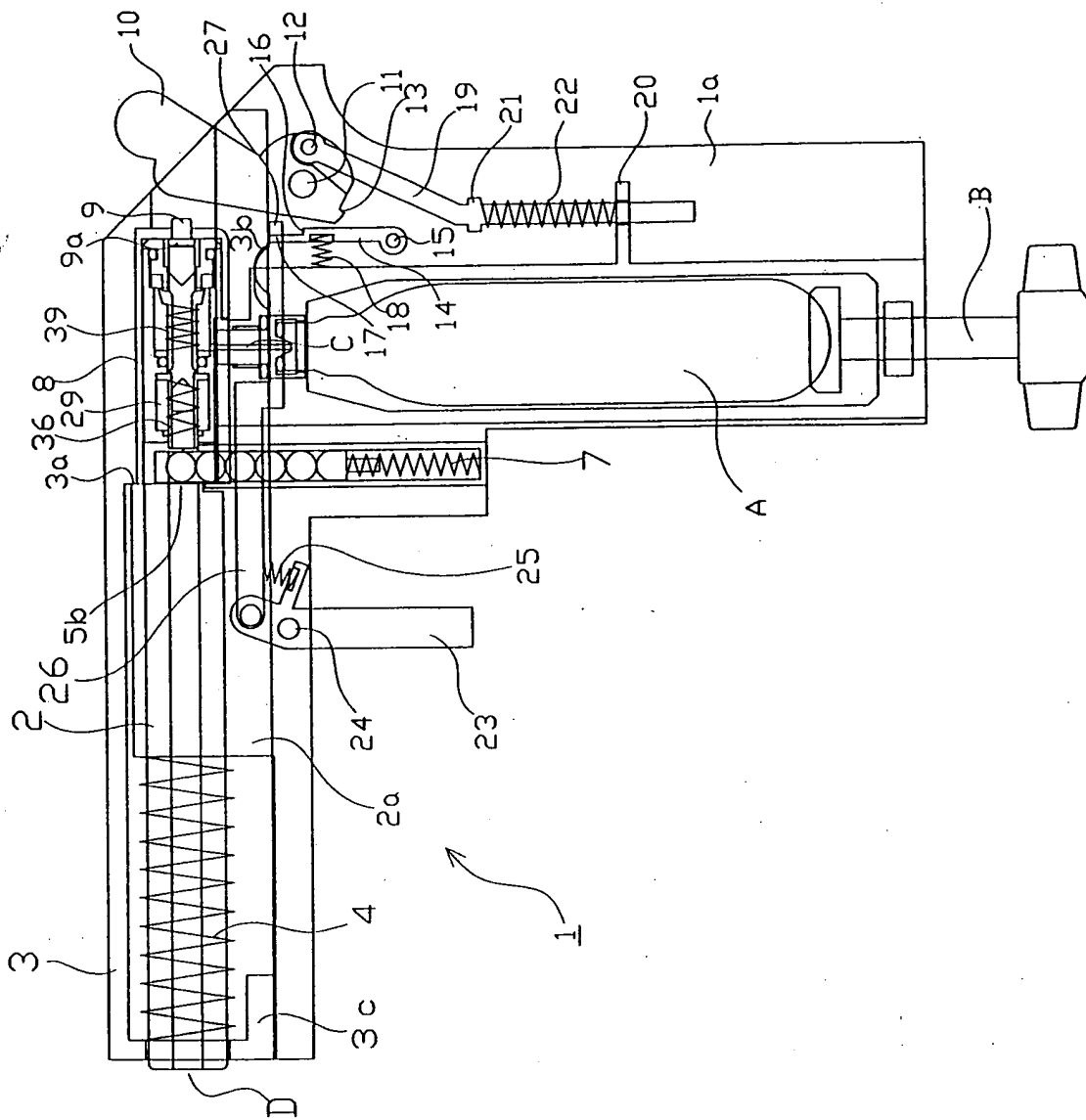


FIG-2

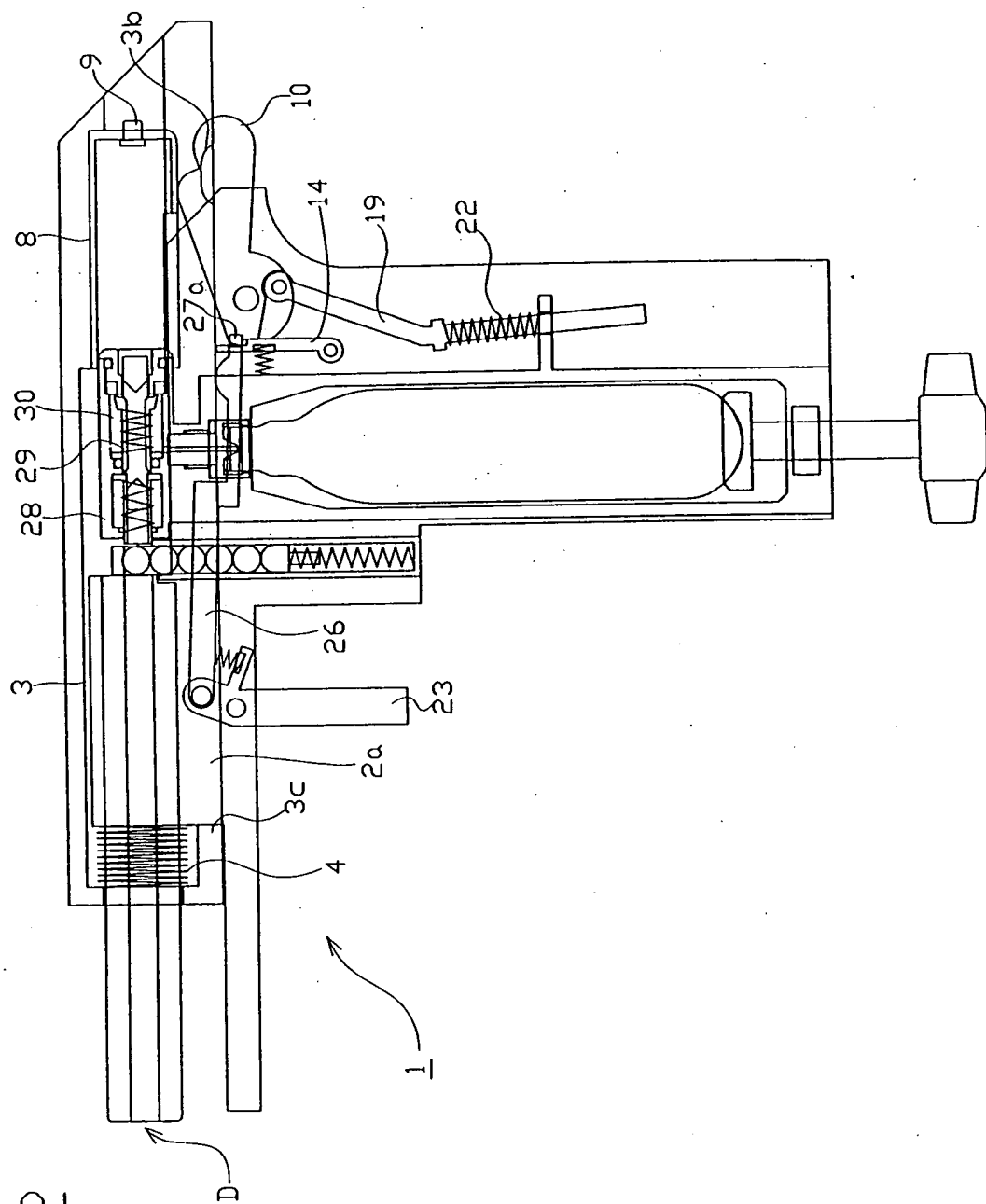


FIG-3

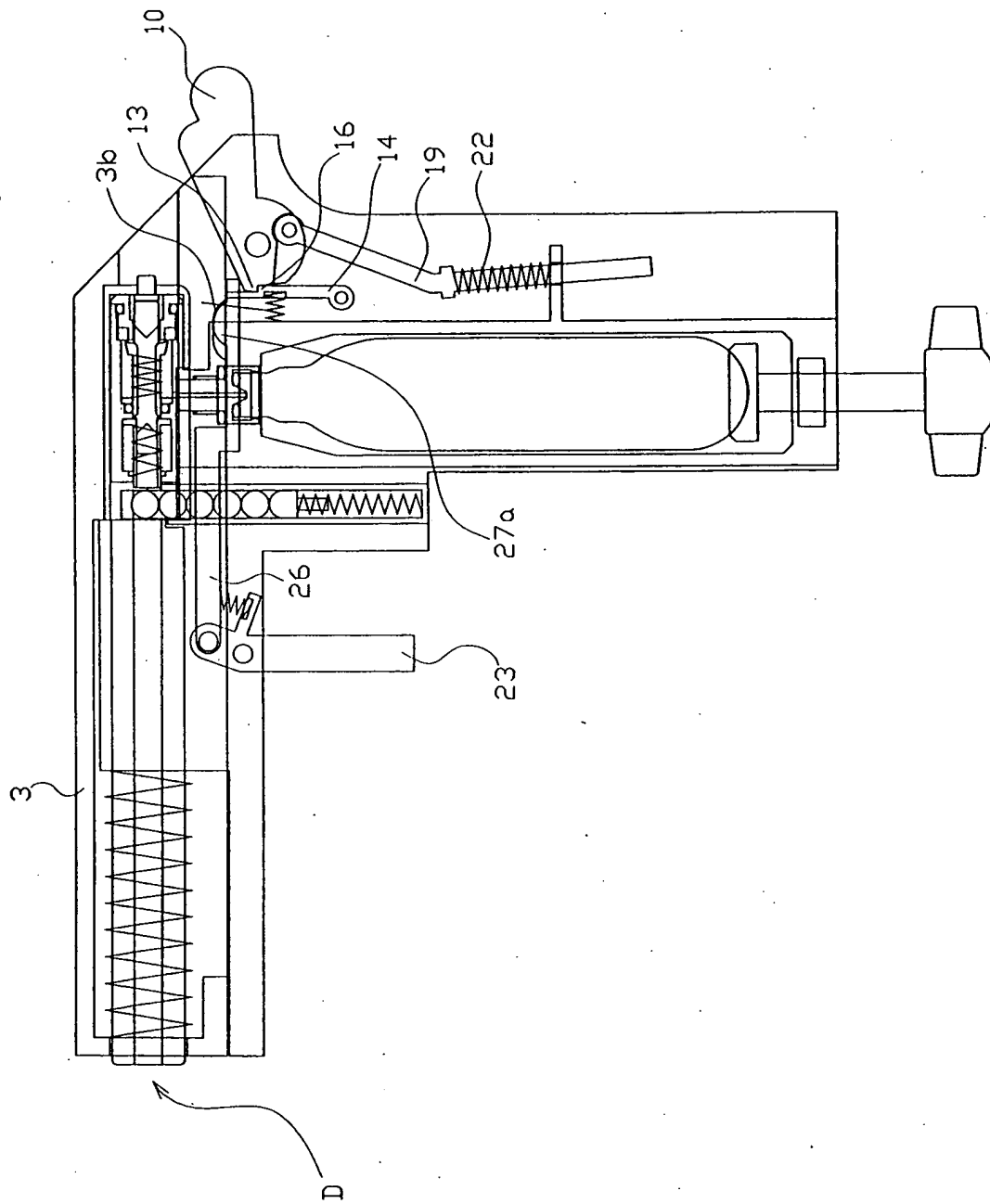


FIG-4

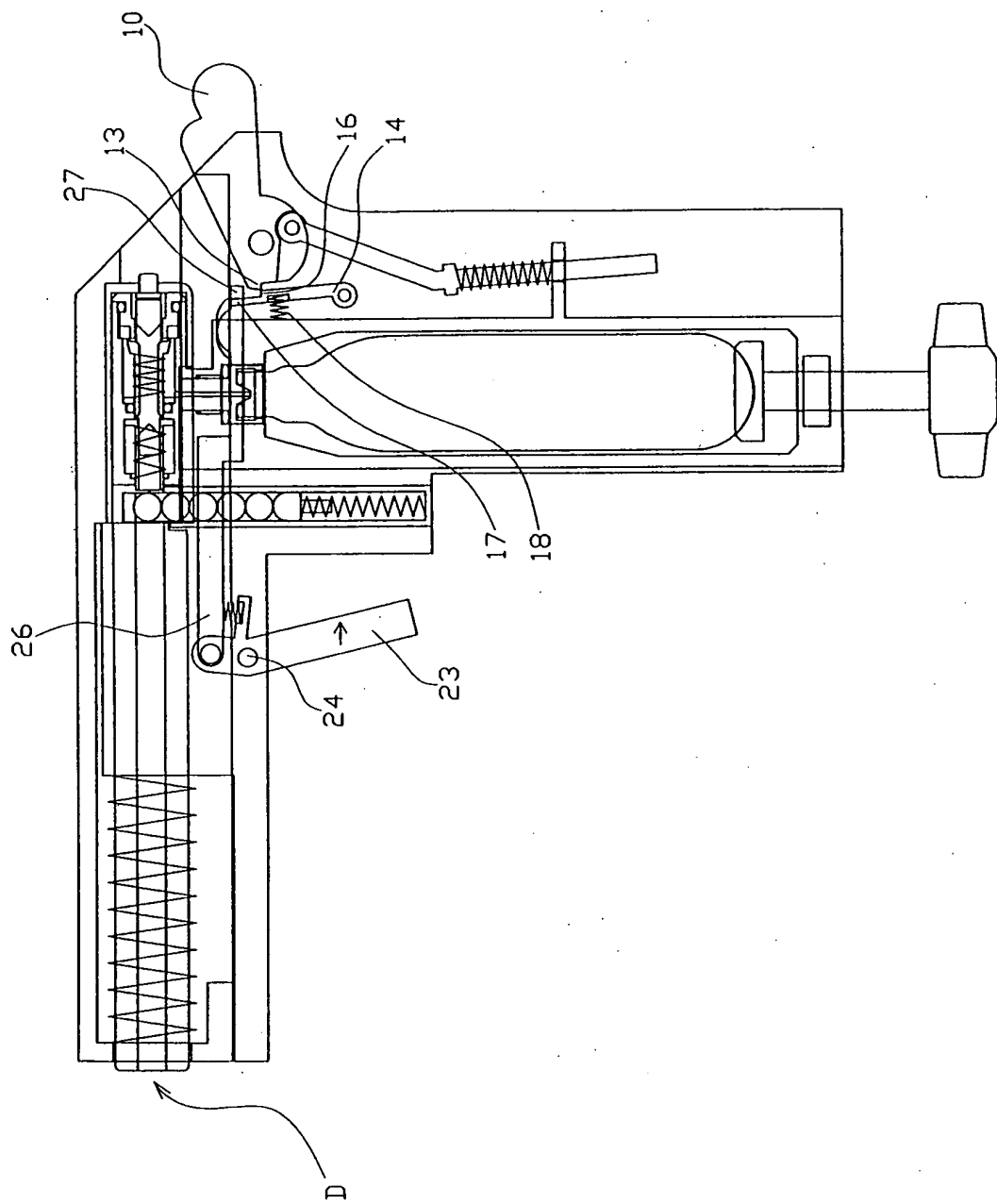
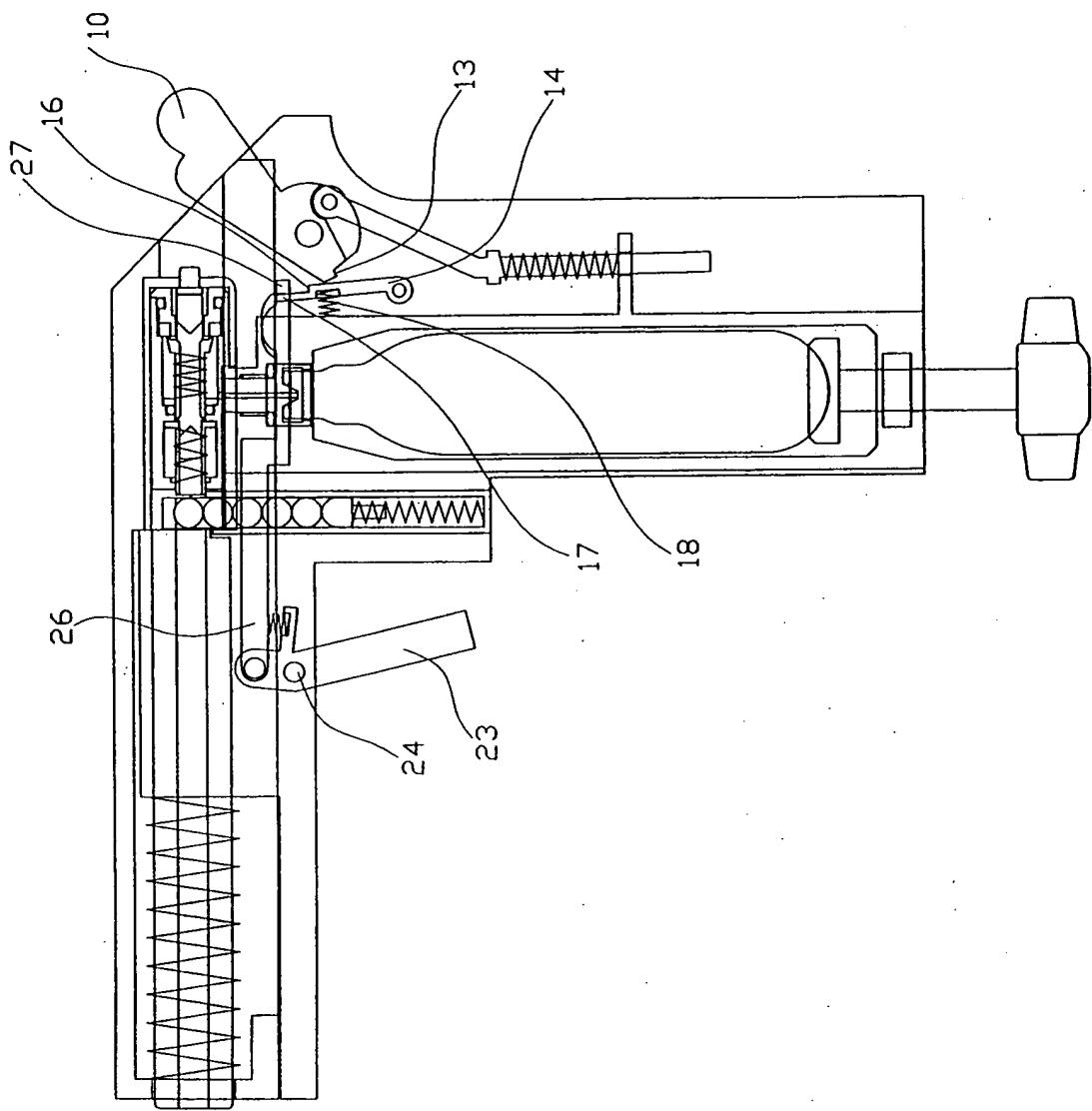


FIG-5



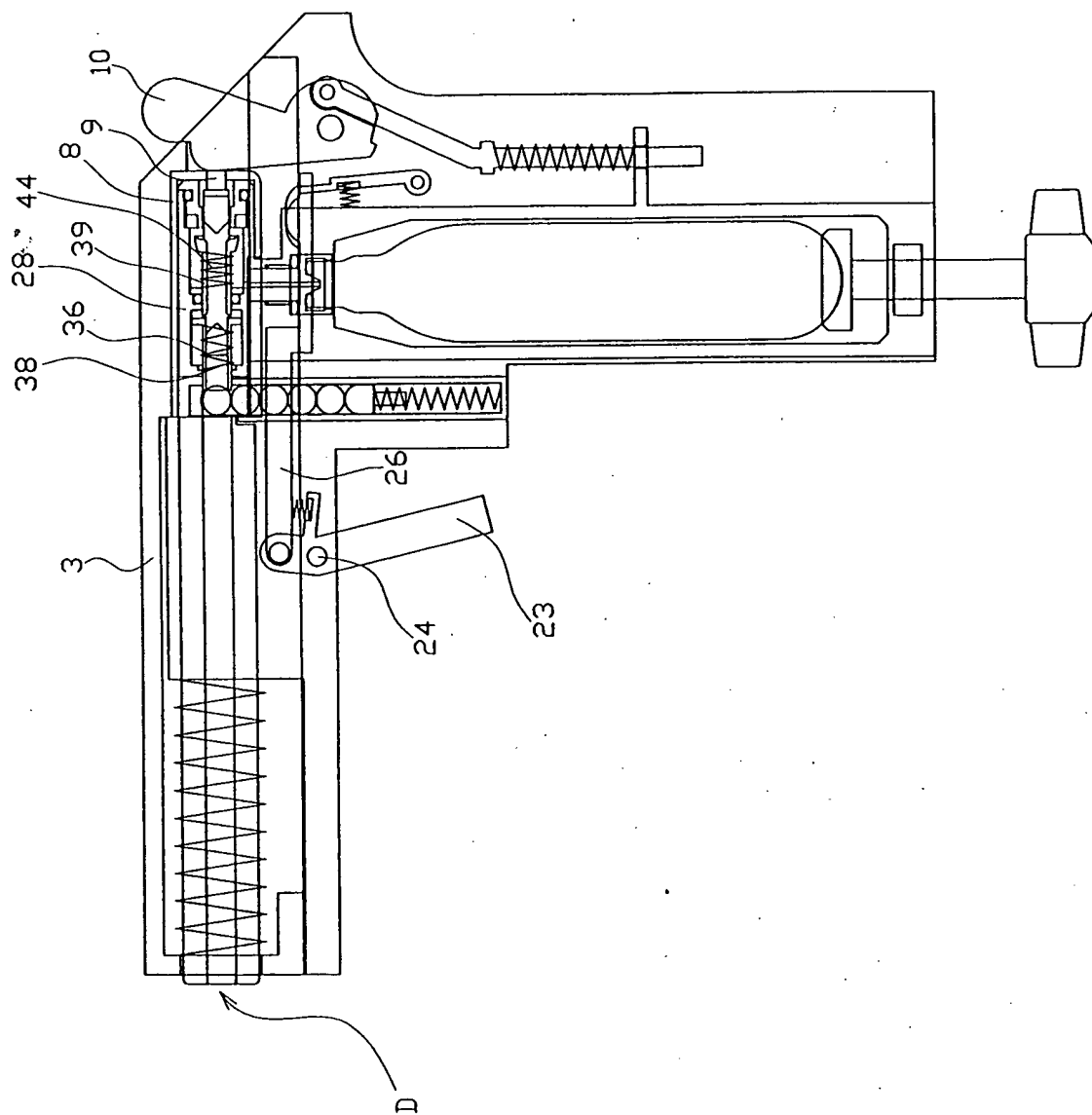


FIG-7

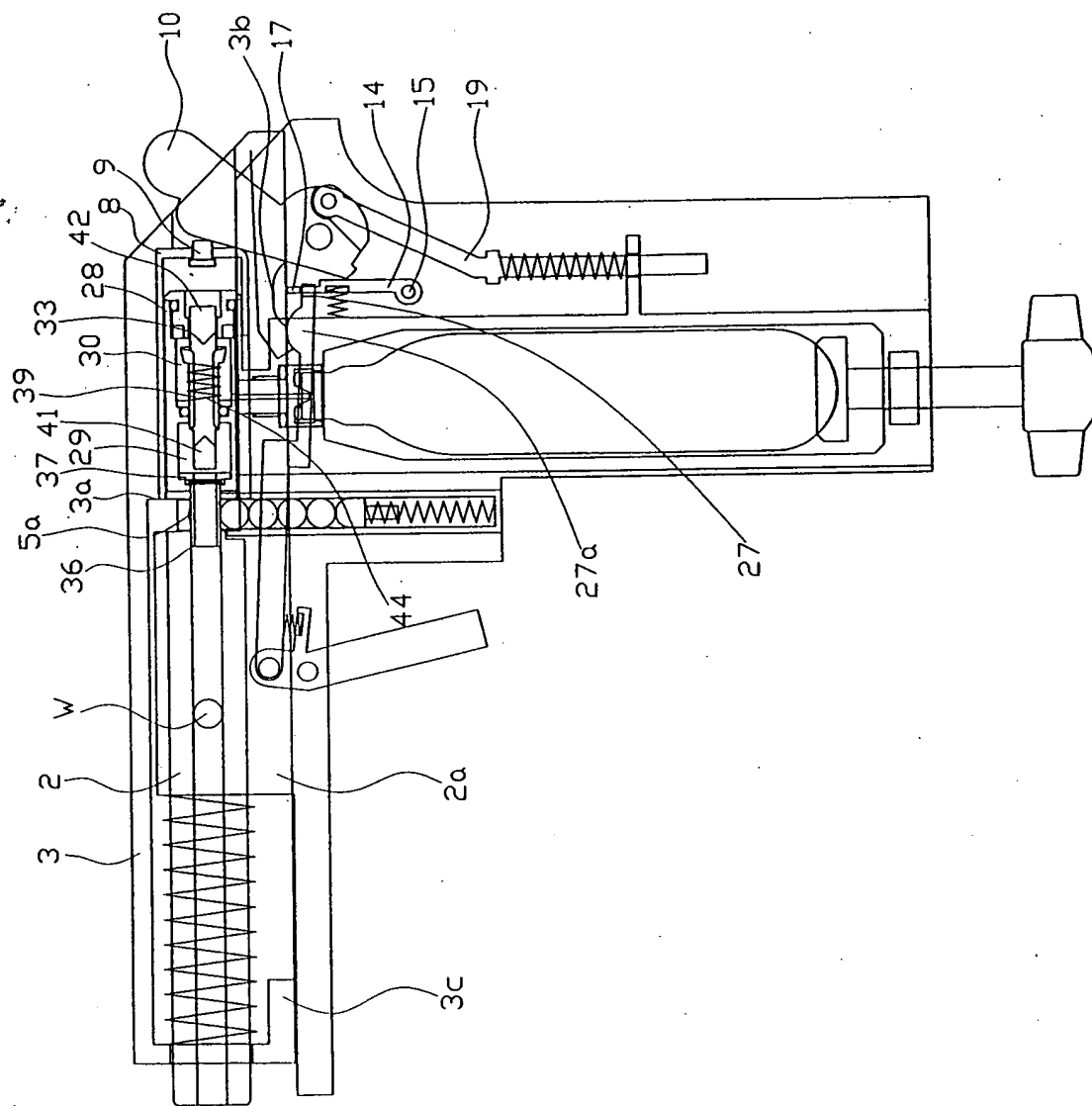


FIG-8

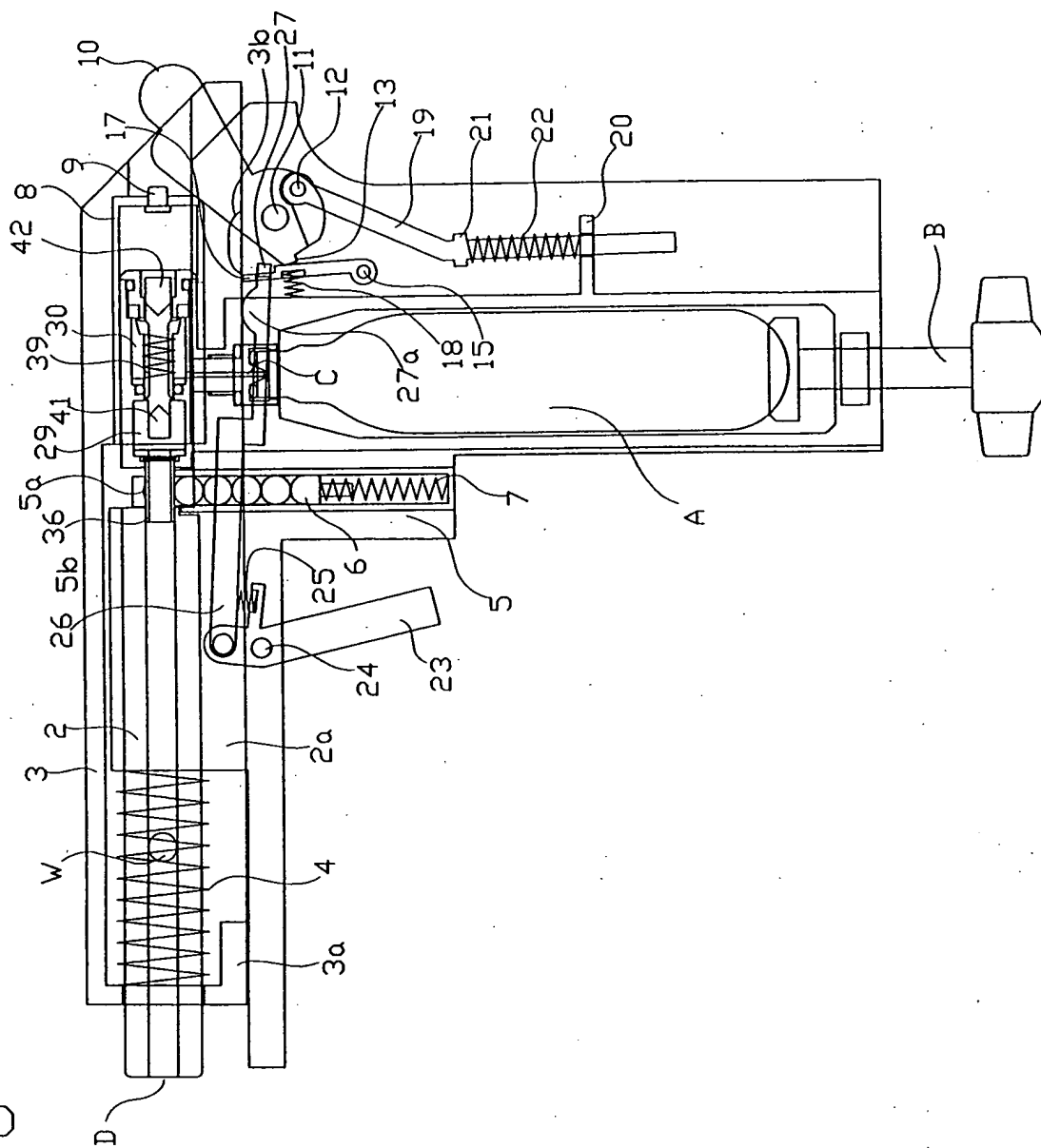


FIG-9

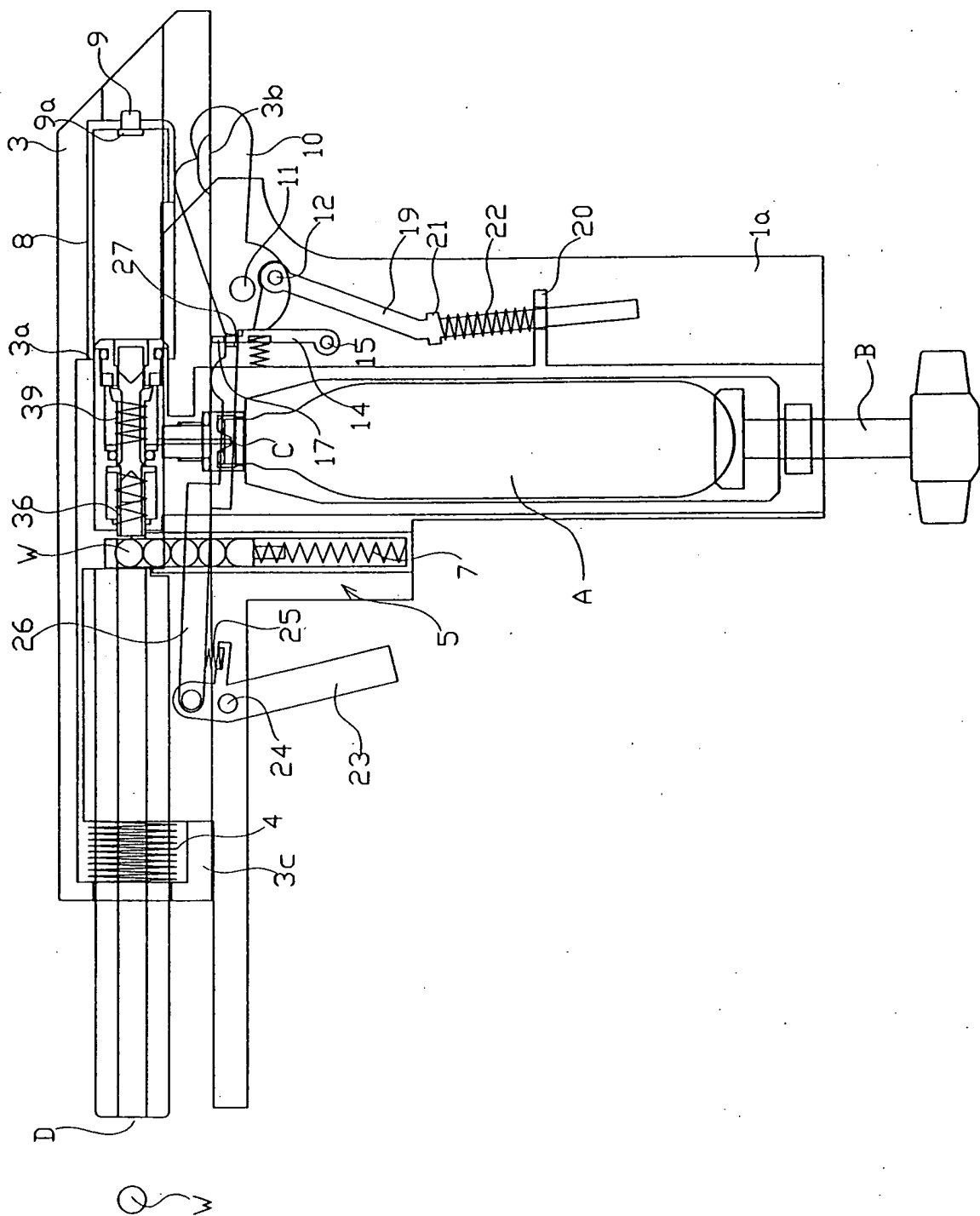
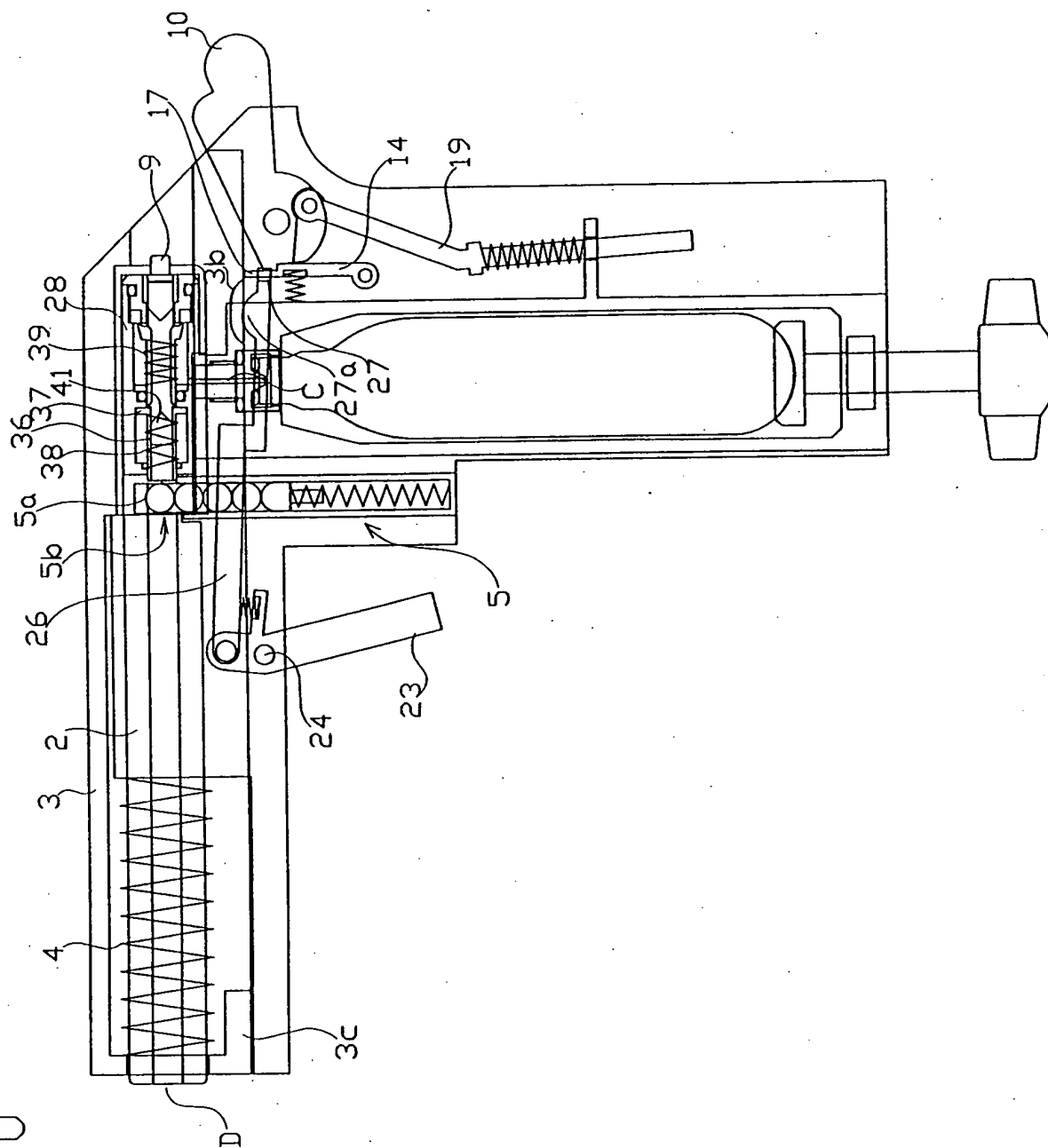


FIG-10



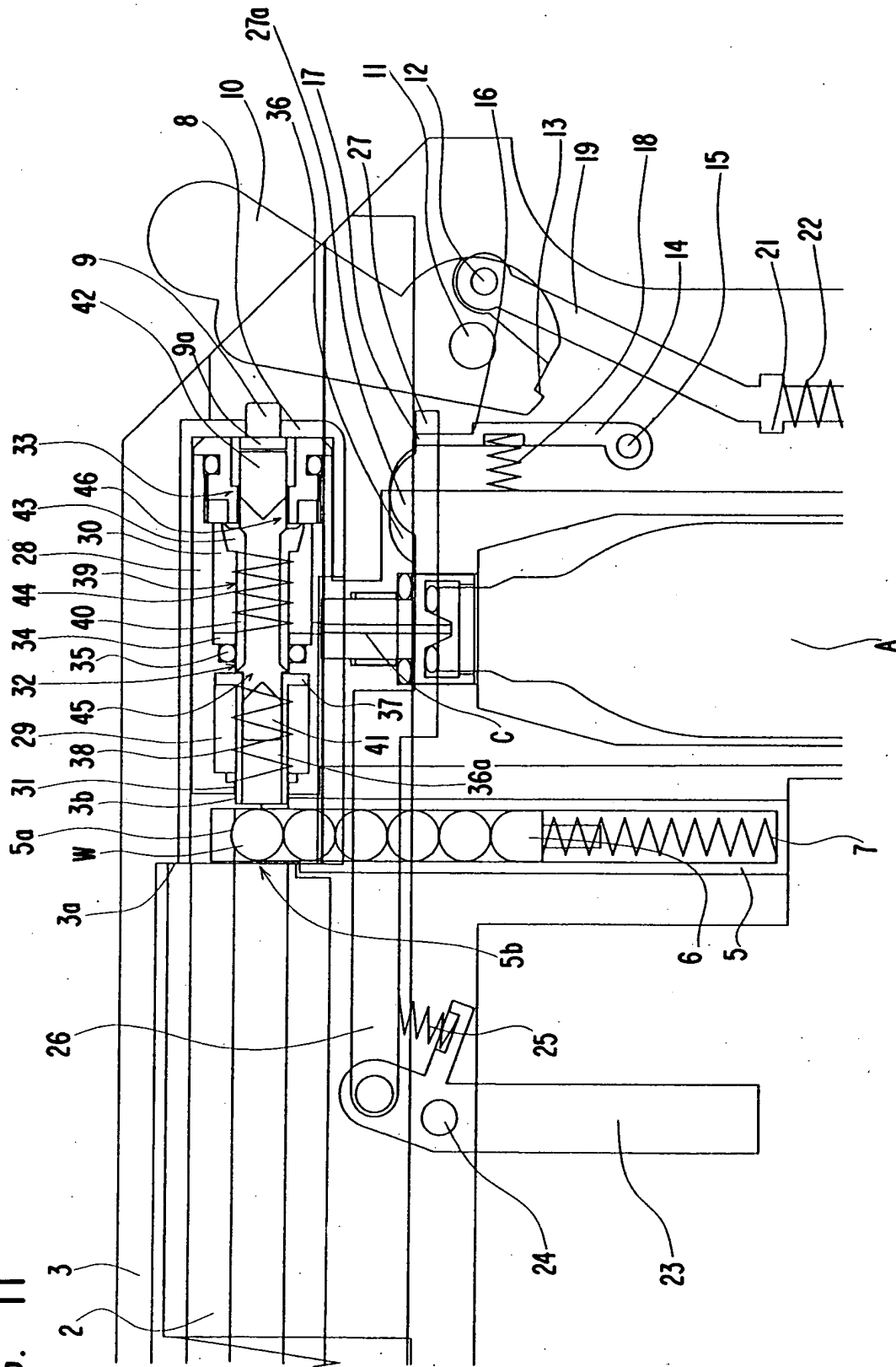
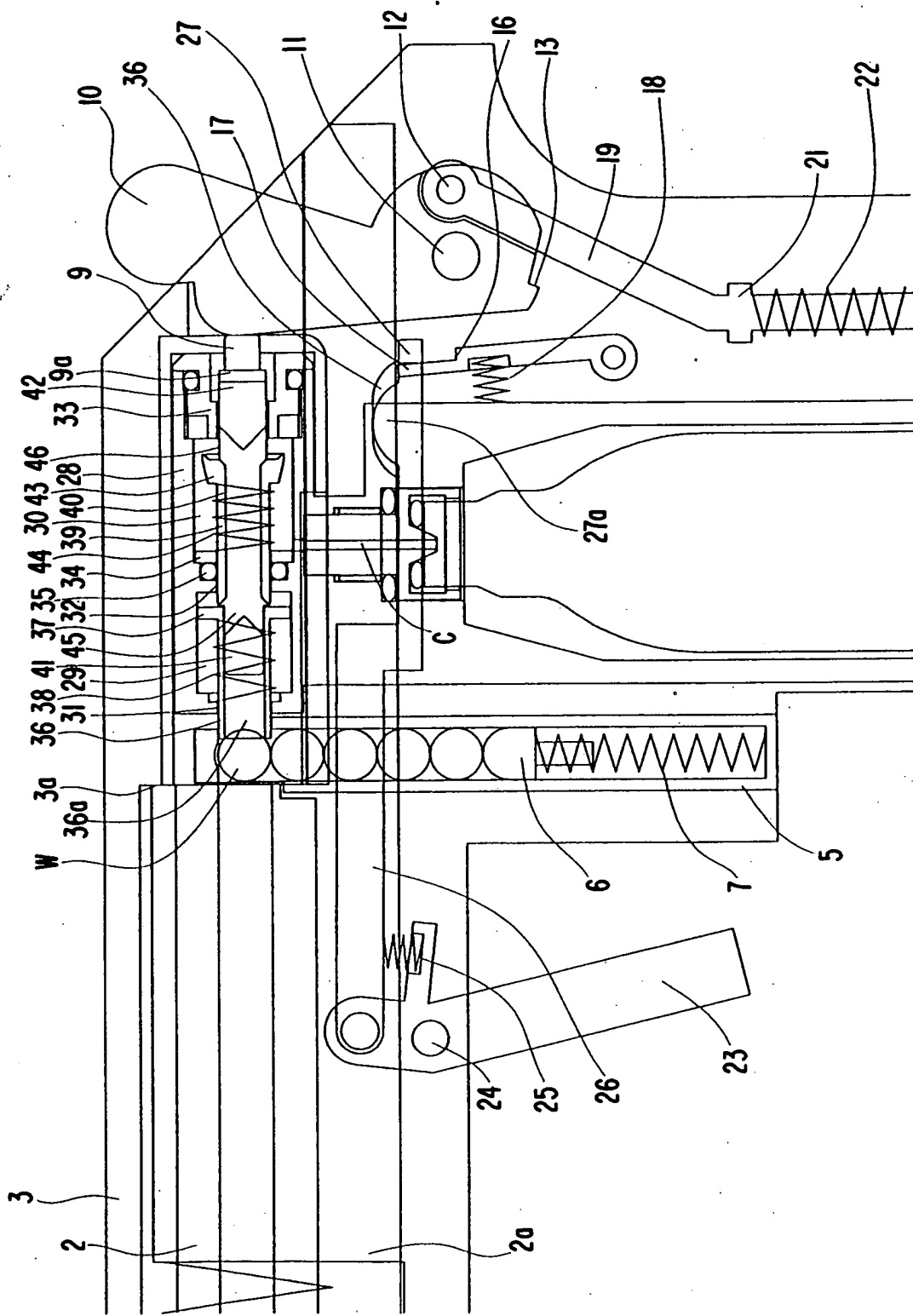


FIG. 12



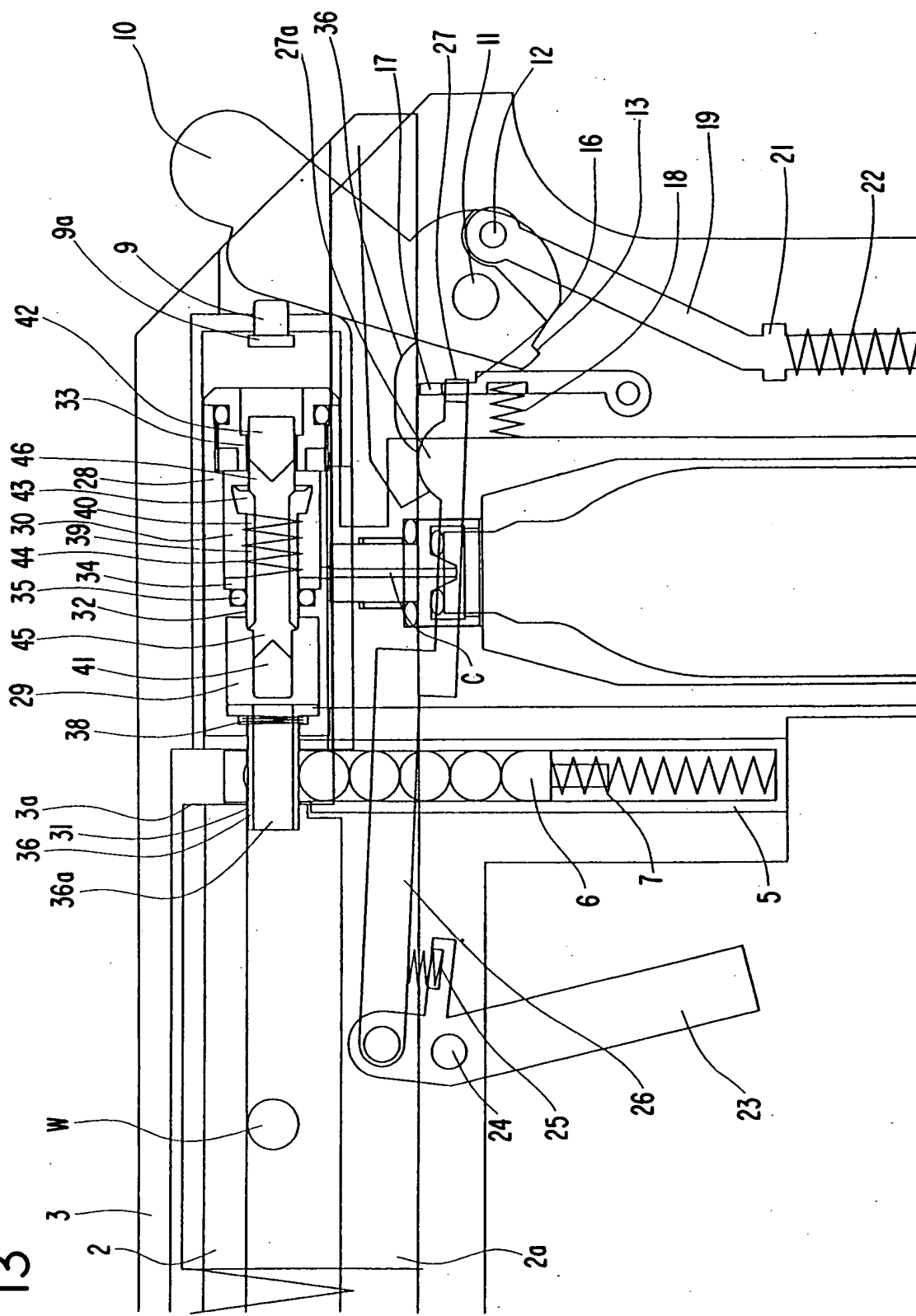


FIG. 14

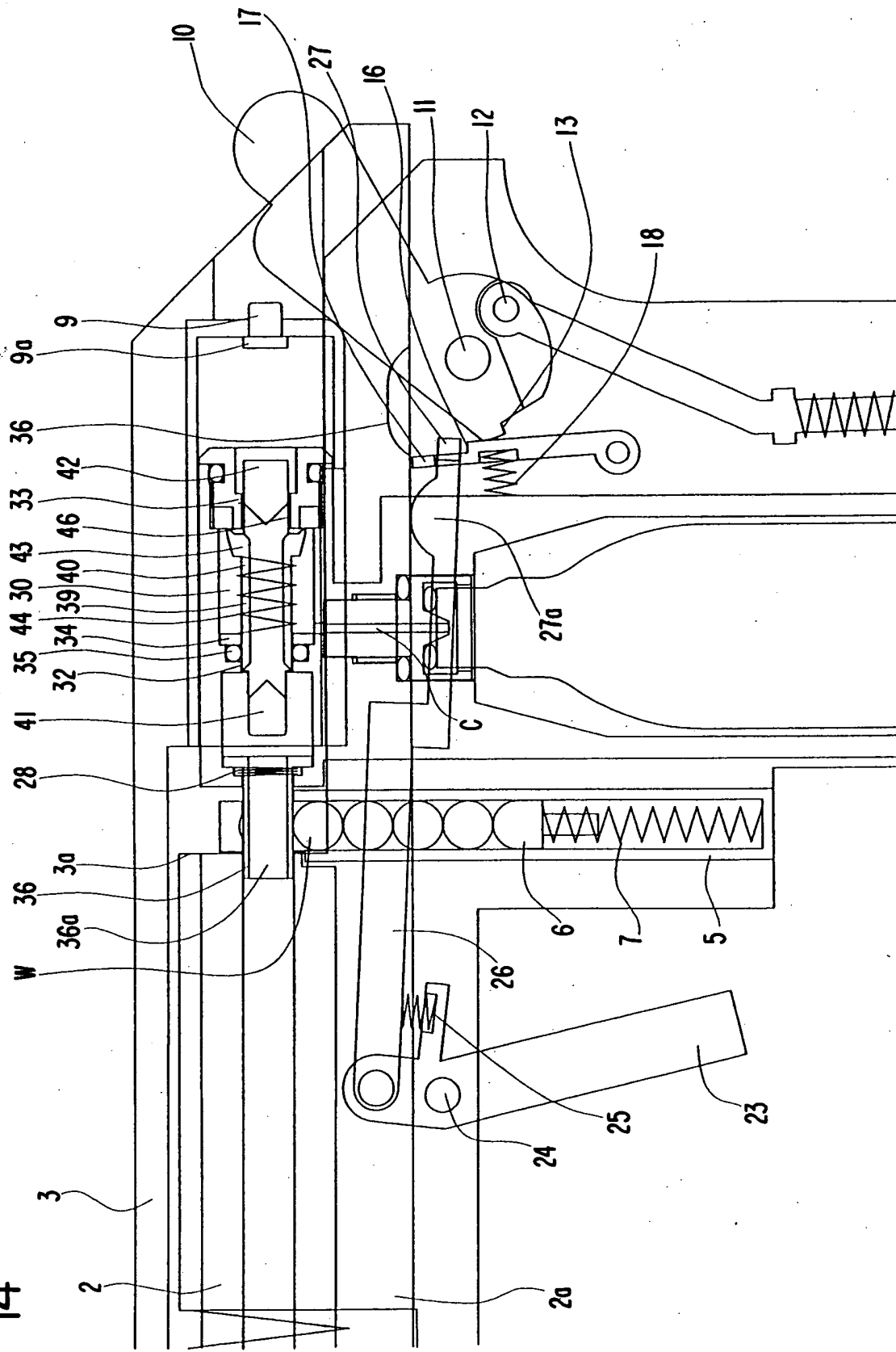


FIG. 15

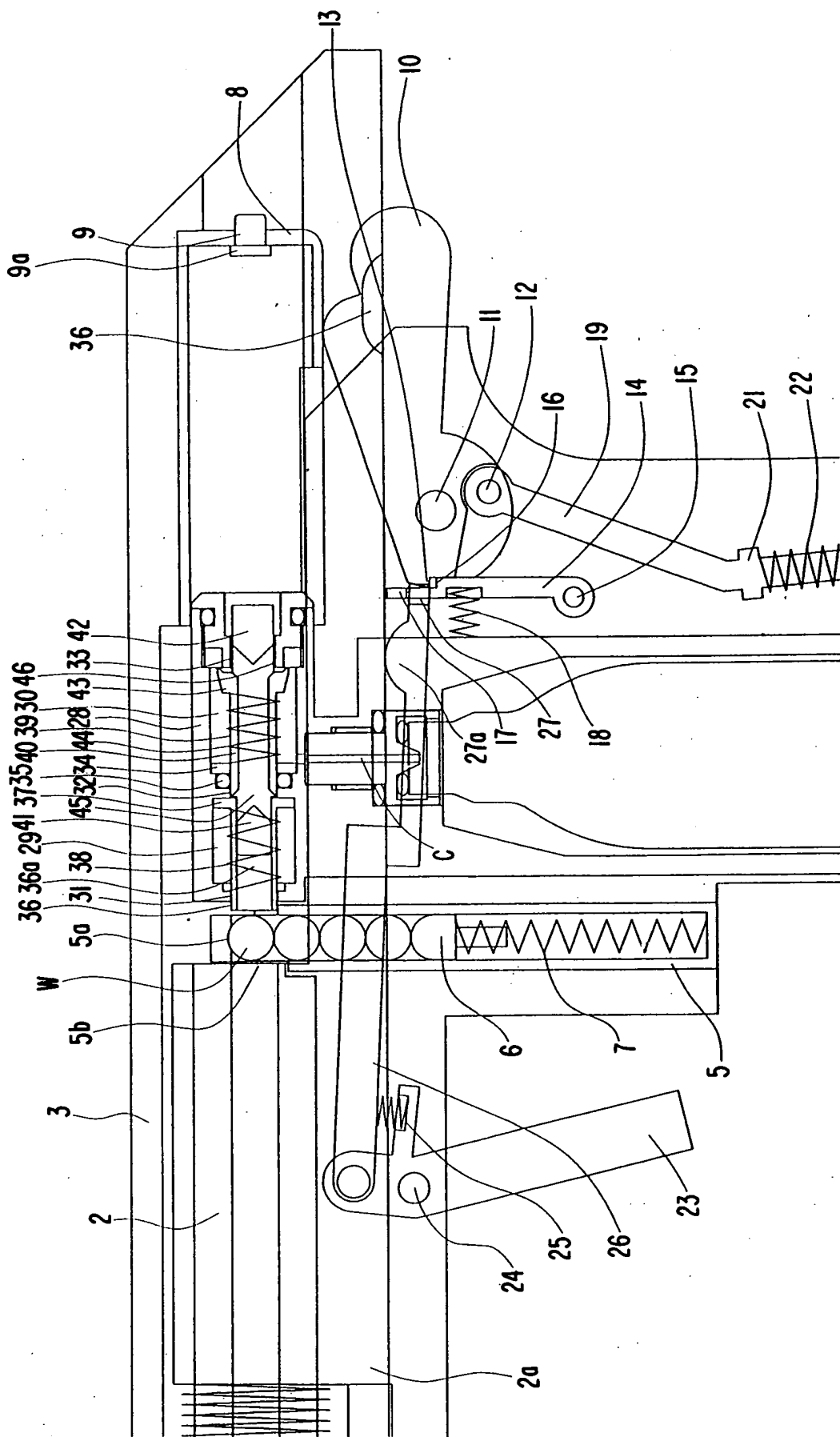


FIG. 16

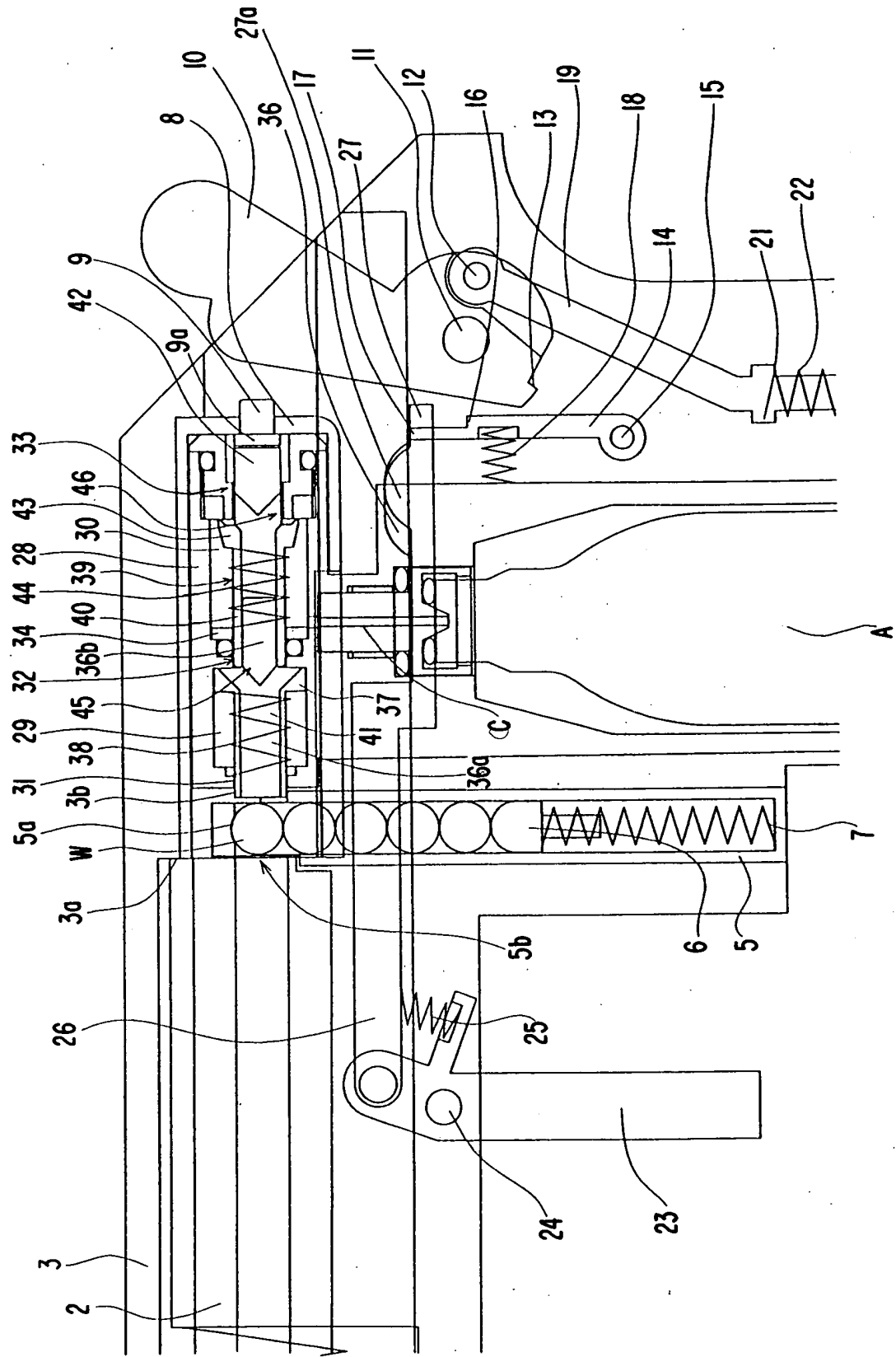


FIG. 17

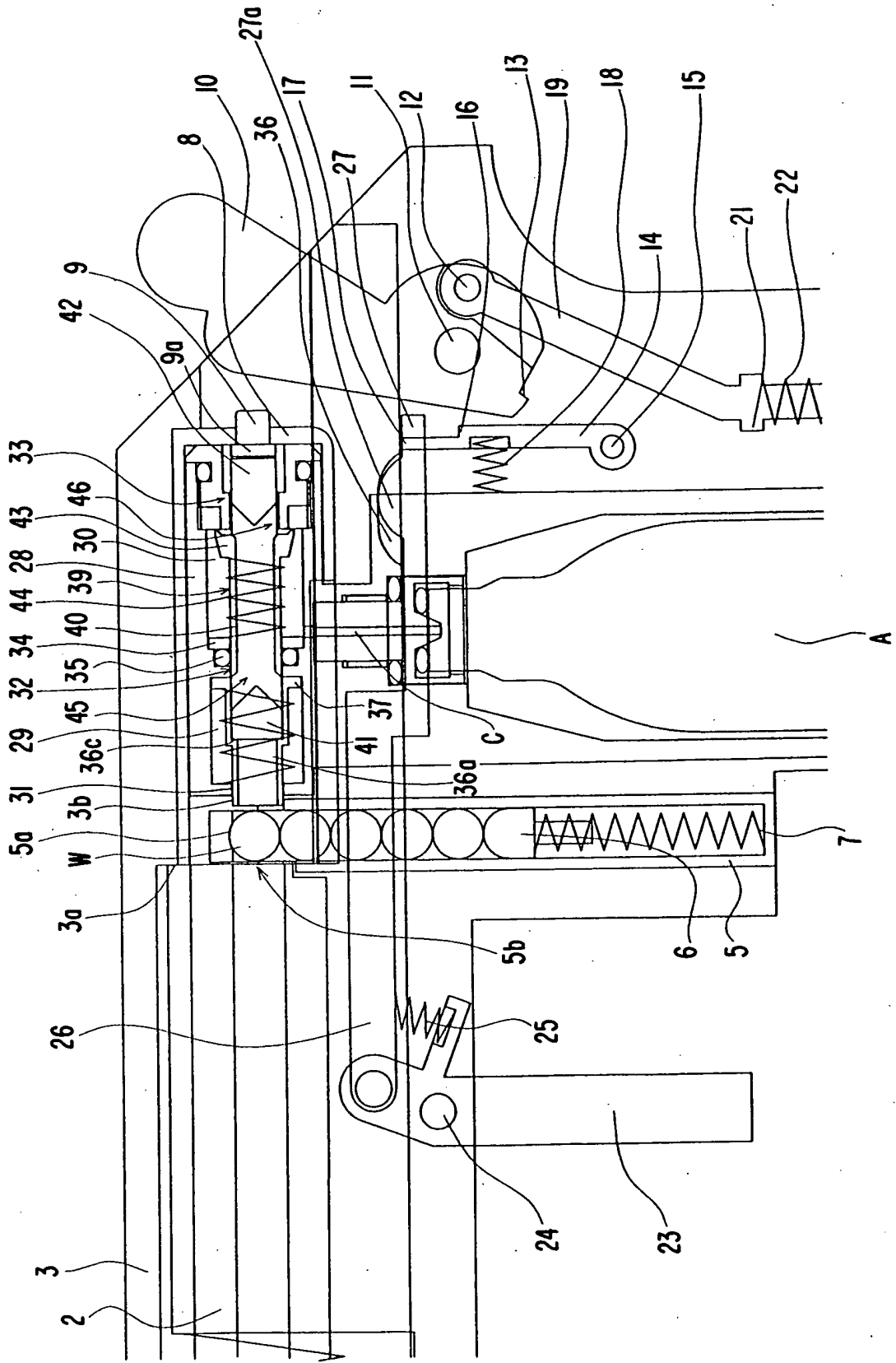


FIG-18

FIG-18 is a detailed cross-sectional view of a mechanical assembly, likely a valve or actuator. The diagram shows a central vertical shaft (23) passing through a housing (24). A piston (25) is mounted on the shaft, with a spring (26) above it. The piston is connected to a lever (27) which is pivoted at (28). The lever is connected to a rod (29) which passes through a seal (30) and is connected to a valve stem (31). The valve stem is connected to a valve (32) which is seated on a valve seat (33). The valve is surrounded by a seal (34). The entire assembly is housed within a housing (35). Various other components are labeled with numbers 1 through 36.

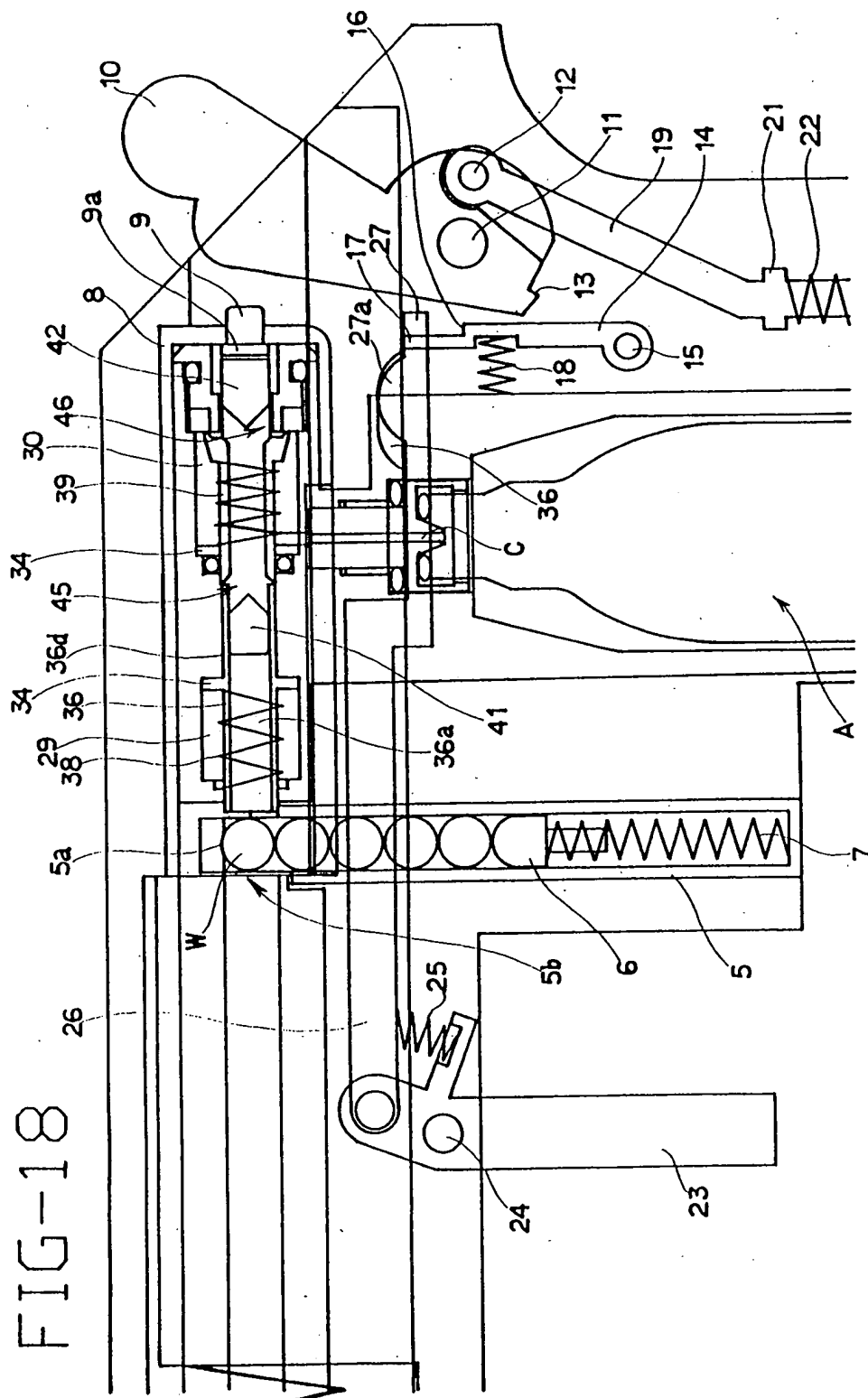


FIG-19

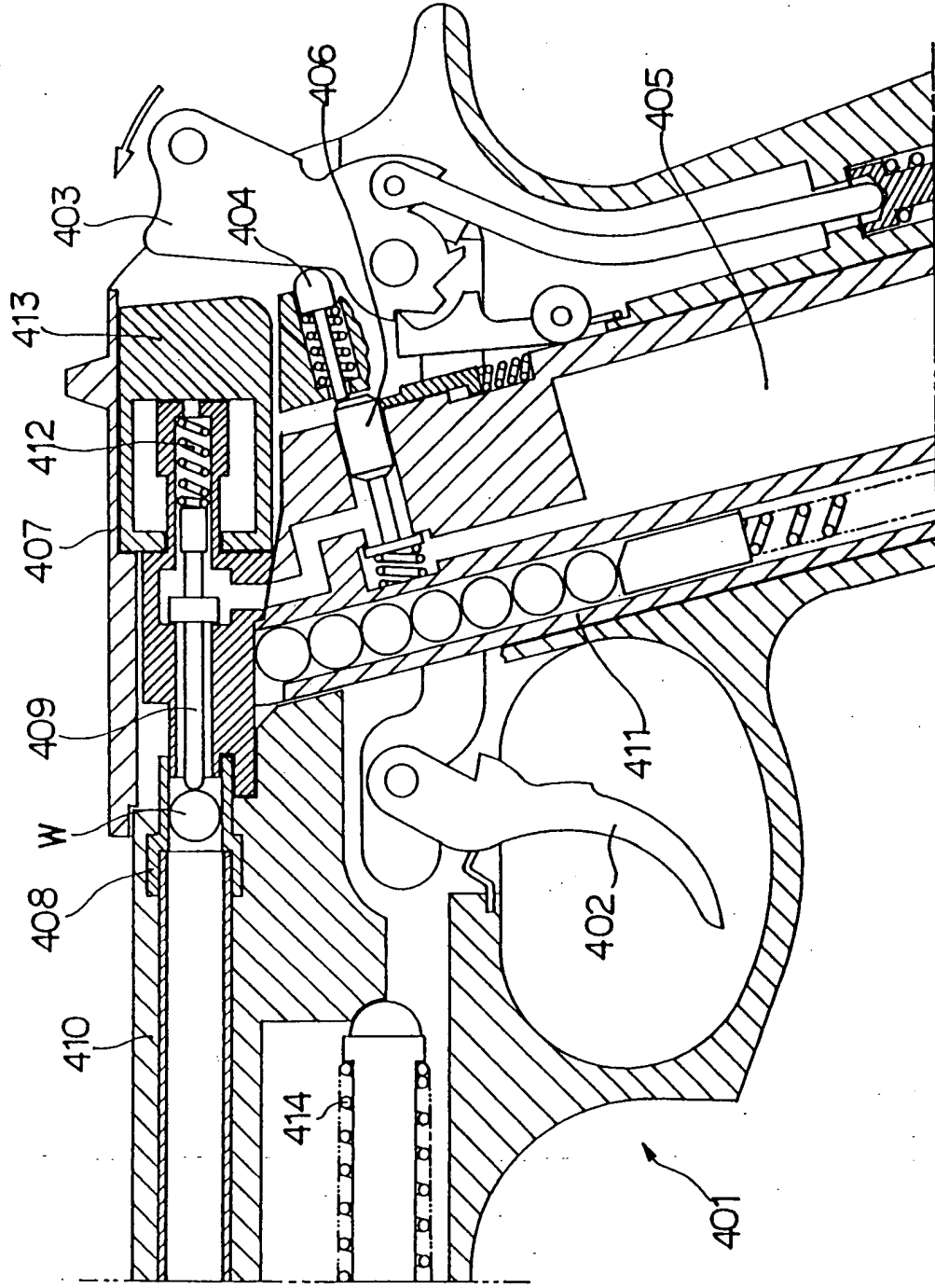


FIG-20

